

Stanninghall Quarry

Phase 4B Operations

Advanced tree and shrub / hedgerow planting is to take place both to the east of Hill Farm and along the northern boundary of the proposed extension area. This is to both help screen potential views of quarry activity and to reinstate, promote landscape structure and habitat creation.

Soils and overburden stripping is to progress within Phase 4B with these materials being directly placed to restore land previously extracted with the south western area of the Site.

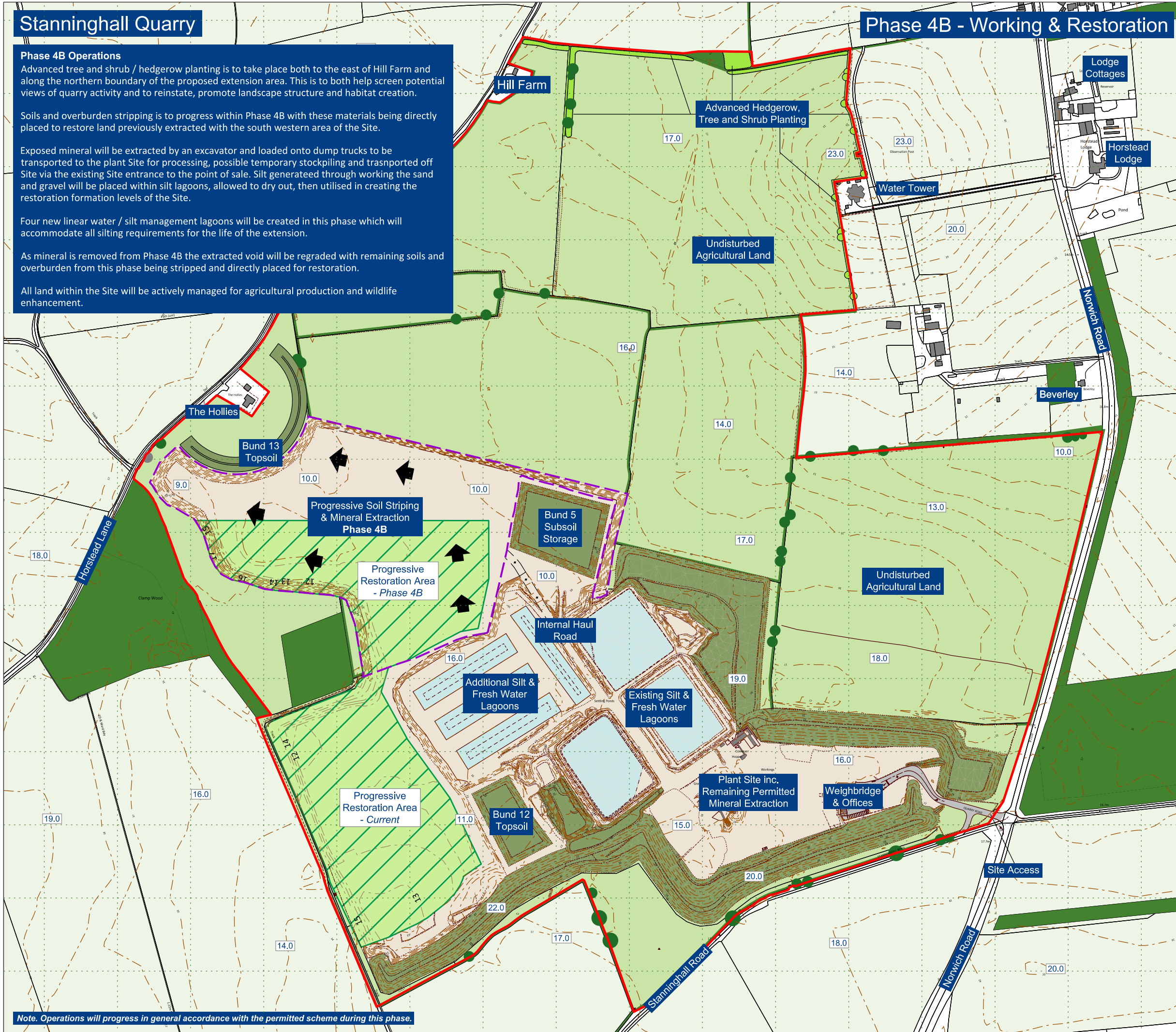
Exposed mineral will be extracted by an excavator and loaded onto dump trucks to be transported to the plant Site for processing, possible temporary stockpiling and transported off Site via the existing Site entrance to the point of sale. Silt generated through working the sand and gravel will be placed within silt lagoons, allowed to dry out, then utilised in creating the restoration formation levels of the Site.

Four new linear water / silt management lagoons will be created in this phase which will accommodate all silting requirements for the life of the extension.

As mineral is removed from Phase 4B the extracted void will be regraded with remaining soils and overburden from this phase being stripped and directly placed for restoration.

All land within the Site will be actively managed for agricultural production and wildlife enhancement.

Phase 4B - Working & Restoration



Legend

- Planning Application Boundary
- Existing Woodland & Hedgerows
- Surrounding Agricultural Land
- Surrounding Buildings & Roads
- Contours (2m Intervals) & Spot Heights
- Quarry Operational Land & Direction of Working
- Limit of Extraction - Phase 4B
- Water Management Lagoons
- Advanced Hedgerow, Tree and Shrub Planting
- Progressive Restoration within this Phase following Mineral Extraction
- Undisturbed Agricultural Land within the Application Boundary
- Soils & Overburden Storage Bunds (mixture of grass seeded & planted)

Materials Audit - within this Phase

Material	Quantity
Topsail (~0.425m)	45,500m ³
Upper Subsoil (~ 0.3m)	32,100m ³
Lower Subsoil / Overburden (variable)	50,800m ³
Other Overburden	78,800m ³
Subtotal	204,200m³
Silt / Waste	31,500m ³
Mineral	769,500 ST
Approximate Number of Years of Phase	2.6 Years



Site Name: Stanninghall Quarry - Proposed Extension

Drawing Name: Phase 4B Working & Restoration

FINAL

Drawn By: RGD/RJS	Scale @ A3: 1:5,000
Date: October 2020	Drawing Number: KD.SH.D.009



Note. Operations will progress in general accordance with the permitted scheme during this phase.